



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

5/ I.D.S.
G. Stang
7-26-01

In re patent
appln. of: Rudolf Schwarte

Serial No.: 09/700,439

Filed: November 13, 2000

For: **DEVICE AND METHOD FOR
DETECTING THE PHASE
AND AMPLITUDE OF
ELECTROMAGNETIC WAVES**

Art Unit: 2878

Docket No.: 752-00

Certificate of Mail

Date of Deposit: July 17, 2001

I hereby certify that this paper is being deposited with
the United States Post Office "First Class Mail Post
Office to Addressee" Service under 37 C.F.R. §1.8
on the date indicated above and is addressed to:
The Commissioner of Patents
Washington, D.C. 20231.

Name of Person Mailing Paper or Fee

Mamie Dedmon
Mamie Dedmon

Commissioner for Patents
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97(b)

Dear Sir or Madam:

In the interest of full disclosure, the following items are herewith identified in accordance with 37 C.F.R. §1.56, §1.97 and §1.98 for consideration by the Examiner. The filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b). Applicant is filing a corresponding English language abstract to WO 98/10255 listed below pursuant to MPEP §609. In addition, Applicant herein submits a copy of the PCT search report for WO 98/10255.

Applicant is filing the enclosed IDS prior to receipt of the first Office Action pursuant to 37 C.F.R. 1.97(b) and therefore no fee is believed to be required.

UNITED STATES PATENTS

U.S. Patent No. 4,826,312
U.S. Patent No. 4,314,275

RECEIVED
JUL 24 2001
TC 2000 MAIL ROOM


FOREIGN PATENTS

WO 98/10255
DE 197 04 46 A1

Statement of Relevance for DE 197 04 46 A1

The invention disclosed in DE 197 04 496 describes the basic principle of "photonic mixing" for the first time, wherein the term "photonic mixing" was introduced by the inventor.

Respectfully Submitted,



Joseph J. DiDonato
Reg. No. P-48,897
Paul & Paul
2900 Two Thousand Market Street
Philadelphia, PA 19103
(215) 568-4900

Dated: July 17, 2001

Order No.: 0245

GRAU 2878

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent
appln. of: Rudolf Schwarte

Serial No.: 09/700,439

Filed: November 13, 2000

For: **DEVICE AND METHOD FOR DETECTING
THE PHASE AND AMPLITUDE OF
ELECTROMAGNETIC WAVES**

Art Unit: 2878

Docket No.: 752-00

Certificate of Mail

Date of Deposit: July 17, 2001

I hereby certify that this paper is being deposited
with the United States Post Office "First Class
Mail Post Office to Addressee" Service under 37
C.F.R. §1.8 on the date indicated above and is
addressed to:

The Commissioner of Patents
Washington, D.C. 20231.

Name of Person Mailing Paper or Fee

Mamie Dedmon
Mamie Dedmon

Commissioner for Patents
Washington, DC 20231

COVER LETTER WITH CERTIFICATE OF FIRST CLASS MAIL

Sir:

Enclosed and attached hereto are the following:

- 1) Cover Letter with Certificate of Mailing;
- 2) IDS Transmittal (2 pgs.);
- 3) Information Disclosure Statement (2 pgs.);
- 4) IDS Citation (1 pg.);
- 5) Four Patents (2 U.S. Patents, and 2 German Patents
(one being an International Patent in Germany with an English abstract);
- 6) An International Search Report; and
- 7) Postcard to be date stamped and returned.

No additional fees are believed to be required. In the event that an additional fee is required with respect to this communication, the Commissioner is hereby authorized to charge any additional fees, or credit any overpayment, to Paul & Paul Deposit Account No. 16-0750. This cover letter is submitted in triplicate.

Respectfully Submitted,

Date: March 30, 2001

Joseph J. DiDonato
Joseph J. DiDonato
Reg. No. P-48,897
Paul & Paul
2900 Two Thousand Market Street
Philadelphia, PA 19103
(215) 568-4900

Order No.: 0245

RECEIVED
JUL 24 2001
C 2800 MAIL ROOM

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.

752-00

In Re Application Of: **Rudolf Schwarte**

JUL 20 2001

Serial No.

09/700,433

Filing Date

November 13, 2000

Examiner

Group Art Unit

2878

Title:

Device and Method for Detecting the Phase and Amplitude of Electromagnetic Waves

Address to:

Assistant Commissioner for Patents**Washington, D.C. 20231****37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application; within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first Office Action on the merits, whichever event occurs last.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after three months of the filing of a national application, or the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or after the mailing date of a first Office Action on the merits, whichever occurred last but before the mailing date of either:

1. a Final Action under 37 CFR 1.113, or
2. a Notice of Allowance under 37 CFR 1.311,

whichever occurs first.

Also submitted herewith is:

- ☐ a certification as specified in 37 CFR 1.97(e);

OR

- ☐ the fee set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under 37 CFR 1.97(c).

RECEIVED
JUL 24 2001
TC 2000 MAIL ROOM

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
752-00

In Re Application Of: **Rudolf Schwarte**

Serial No.
09/700,439

Filing Date
November 13, 2000

Examiner

Group Art Unit
2878

Title:

Device and Method for Detecting the Phase and Amplitude of Electromagnetic Waves

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. **16-0750** as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of _____
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.

Certificate of Transmission by Facsimile*

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. _____) on

(Date)

Signature

Typed or Printed Name of Person Signing Certificate

Certificate of Mailing by First Class Mail


I certify that this document and fee is being deposited on **July 17, 2001** with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature of Person Mailing Correspondence

Mamie Dedmon

Typed or Printed Name of Person Mailing Correspondence

***This certificate may only be used if paying by deposit account.**


Signature

Joseph J. DiDonato
Reg. No. P-48,897
Paul & Paul
2900 Two Thousand Market Street
Philadelphia, PA 19103
(215) 568-4900

Dated: **July 17, 2001**

CC: